TeraStation™ Pro 8 Bay
Network Attached Storage

TS-8VHL

Eight-Drive Business Class Reliable NAS

TeraStation™ Pro 8 Bay

Buffalo's TeraStation™ Pro 8 Bay is an eight-drive high performance network storage solution ideal for businesses and demanding users looking to implement a RAID based network storage solution for larger networks and business critical applications. With the powerful Intel® Atom™ D510 Dual-Core Processor, TeraStation™ Pro 8 Bay provides exceptional performance during file transfers and everyday NAS functions. TeraStation™ Pro 8 Bay runs many services simultaneously and the Dual-Core processor enables the ability to focus on multiple tasks simultaneously with minimal performance degradation: experience maximum network throughout while a replication job runs in the background or perform fast search indexing while an anti-virus scan is occurring. TeraStation™ Pro 8 Bay is packed with business class features such as Active Directory support, disk quota support, share level Replication, dual gigabit Ethernet ports, hot-swap hard drives and USB 2.0 accessory support.

- **Processor - Intel® Atom™ 1.66GHz Dual Core**
- **Back-up Replication Function - allows you to have a mirrored unit as a spare**
- **Easy set-up - Clear LCD status display and intuitive Web interface means the units are simple to install and easy to manage**
- **Resilient - Replace faulty hard drives with the Hot Swap functionality without interruption of work**
- **Connectivity - Dual Ethernet, support for port trunking**

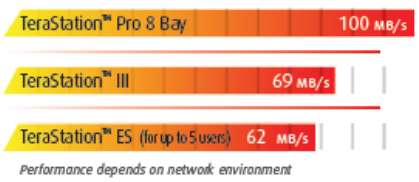
Key Specifications

- Intel® Atom™ 1.66GHz Dual Core / 2GB RAM
- Eight front loading hot swap hard drives with lockable front panel
- Active Directory support
- Disk quota (soft quota) support prevents users/groups from consuming too much disk space
- Scheduled shut down eliminates unnecessary access and reduces energy costs
- DFS (Distributed File System) support
- Easy setup wizard and management through intuitive web interface
- Hot swap hard drive trays behind the front panel for easy drive access and replacement
- NAS conguration tool allows exporting settings to a file for easy, one-click deployment of multiple TeraStations™
- Improved CPU speed enables faster data transfer
- 10/100/1000Gigabit Ethernet with Jumbo Frame
- Two Ethernet ports for port trunking
- Supported RAID levels: 0, 1, 5, 6,10, 50, 51, 60, 61, Standard (JBOD)
- Share level replication feature with device failover
- Hot spare enables automatic RAID build in case of a drive failure
- Optional AES-128 bit hard drive encryption
- Large silent fan cools hard drive efficiently
- Advanced ventilation design reduces internal heat
- LCD Display shows important TeraStation™ information and disk status
- Built-in FTP server functionality
- BitTorrent Client: Download digital content from the Internet directly to your TeraStation™
- DLNA CERTIFIED built-in media server for streaming multimedia content
- Two USB 2.0 ports for external drive, printer and UPS connectivity
- WebAccess - Access your digital content via a Web browser to a PC or Mac or via the WebAccess app to your iPhone®, iPad® or Android™ smartphones/tablets
- 10 licenses of NovaBACKUP® Business Essentials Backup Included: Backup up to 10 Windows PCs, Windows Servers, Exchange or MS SQL databases
- 3-Year Limited Warranty

High Capacity NAS

up to 24TB

High Speed NAS



Performance depends on network environment

Dual-Core Processor

Access your digital content via a Web browser to a PC or Mac or via the WebAccess app to your iPhone®, iPad® or Android™ smartphones/tablets

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SPECIFICATIONS

3 YEAR WARRANTY

LAN Interface

Standard Compliance	IEEE802.3ab/IEEE802.3u/IEEE802.3 Standard
Data Transfer Rates	10/100/1000Mbps
Connector Type	RJ-45
Number of Ports	2 (Auto MDIX)

Internal Hard Drives

Number of Drives	8
Drive Interface	SATA
Hard Drive Sizes	1TB, 2TB, 3TB
Total Capacity	8TB, 16TB, 24TB
Supported RAID Levels	0, 1, 5, 6, 10, 50, 51, 60, 61 & JBOD

USB Interface

Standard Compliance	USB 2.0
Connector Type	USB Type A
Number of Ports	2
Data Transfer Rates	Max: 480Mbps (High-Speed Mode), Max: 12Mbps (Full Speed Mode)

Protocol Support

Networking	TCP/IP
File Sharing	SMB/CIFS, AFP, FTP/FTPS, SFTP, HTTP/HTTPS, NFS
AD Authentication	LDAP/Kerberos
Management	HTTP, HTTPS
Time synchronisation	NTP

Other

Dimensions (WxHxD)	300 x 215 x 230mm
Weight	Approx 12.5Kg
Operating Environment	5-35°C, 20-80% (non condensing)
OS Support	Windows® 7(32/64-bit), Vista(32/64-bit), XP, Windows Server® 2008 R2(64-bit), 2008(32/64-bit), 2003 R2(32-bit), 2003(32-bit), Mac OS® 10.4 or higher
Power Supply	Internal AC 100-240V, 50/60Hz

Part Numbers

TS-8VH8.0TL/R6EU
TS-8VH16TL/R6EU
TS-8VH24TL/R6EU

Note: 1TB = 1,000,000,000,000Bytes. Actual data throughput will vary depending upon environment factors.

About Buffalo

www.buffalo-technology.com

Buffalo Technology is a leading global provider of award-winning storage, networking, memory, and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.

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